

**TECHNICAL
DATA
BULLETIN****6115
Monolec®
Hydraulic Oil****Description:**

Turbine grade rust & oxidation (R&O), anti-wear (AW) hydraulic oil designed for long life and excellent lubrication. Contains unique oxidation inhibitor which reduces deposits. Excellent rust protection. USDA rated H2.

Contains Monolec® LE's exclusive wear-reducing additive. In addition, special anti-wear additives are included for long component life and reduced wear.

Physical Characteristics – Typical:

ISO Grade	15
Gravity, API	26.5
Viscosity	
SUS @ 100°F (38°C)	78.6
SUS @ 210°F (99°C)	42.6
cSt @ 100°C (212°F)	4.9
cSt @ 40°C (104°F)	14.5
cSt @ -40°F (-40°C) max	600
cSt @ -65°F (-54°C) max	2500
Viscosity Index, min.	200
Flash Point, °F (°C)	220 (104)
Pour Point, °F (°C)	-81 (-63)
Color	Red
Dielectric Strength, ASTM D-877, KV	42

Meets Performance Requirements of:

MIL-H-5606E

Application:

Hydraulic systems requiring excellent low temperature properties and a high dielectric strength such as bucket trucks for electrical service. Especially applicable where hydraulic systems have pumps and motors requiring oil with RO and AW properties.

LUBRICATION ENGINEERS, Inc.

Beneficial Qualities:

Long life oil.

USDA Rated H2.

Contains Monolec®, LE'S exclusive wear-reducing additive.

Special anti-wear additive controls corrosive wear and scuffing wear. Assures longer life for bearings and rubbing surfaces.

Reduces sludge and varnish formation. Keeps hydraulic systems clean and operating smoothly.

Best rust protection. Additive "plates out" to seal off metal surfaces from moisture.

High film strength to protect moving parts.

Less labor costs for changing oil and cleaning systems. Less downtime on machines.

High Viscosity Index. Less change in viscosity as temperature changes.

Non foaming in service.

Select paraffin crudes and special refining give exceptional quality to base stocks.

Increases equipment life.

Red color helps trace leaks.